Peak District National Park

Forecast valid from 00:00 on Thursday 30 Jun 2022 until 23:59 on Friday 01 Jul 2022

Forecast Issued on Wednesday 29 Jun 2022 at 15:02

Confidence: High for the generally unsettled conditions. Lower for the timing of the showers or heavy rain and also the likeihood of any thunderstorms.

Headline for Thursday 30 Jun 2022: Sunshine and showers, possibly heavy and thundery at times.

Mountain weather hazards on Thursday 30 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Light rain showers	Light rain showers	Light rain showers	Light rain showers	Sunny intervals
Precipitation probability							
40%	30%	10%	30%	30%	30%	30%	10%

Forecast for Thursday 30 Jun 2022

Weather: Further rain or showers, locally heavy, will move northwards overnight, clearing into the early hours of Thursday morning, with drier conditions following on behind. After a largely dry and bright start, showers will soon break out from mid-morning onwards. The showers are likely to be heavy and slow-moving, with the risk of hail, thunder and lightning as additional hazards, especially during the afternoon and early evening. Any showers or thunderstorms gradually easing through the evening, with some low cloud on the summits.

Chance of cloud-free hill tops above 600m: 50% chance overnight, increasing to 90% by the afternoon.

Low cloud and visibility: Down to 500 metres in any overnight showers but lifting above summits quite early on Thursday morning. Visibility generally very good, but deteriorating quickly in heavy showers.

Forecast for Thursday 30 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 SW	8/11 SW	8/11 SW	8/12 SW	9/14 SW	8/13 SW	8/13 W	9/14 W	10/15 W
300	8/11 SW	5/8 S	5/8 S	8/13 SW	6/11 SW	6/12 W	7/12 W	6/11 W	6/11 W
Valley	5/11 S	3/8 S	3/7 S	6/12 SW	5/10 SW	6/12 W	6/13 W	5/11 W	5/11 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	9/8	9/8	11/9	11/10	12/11	11/10	10/8	9/6
300	12/10	11/10	11/11	13/12	15/14	15/14	14/13	12/11	11/10
Valley	12/12	11/11	12/12	14/14	15/15	16/15	15/14	13/12	12/11
Freezing Level*	2200m	2000m	2000m	2000m	2100m	2100m	2100m	2000m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine will be strong during any cloud-breaks, leading to a High risk of sunburn unless adequately protected. Waterproofs and appropriate footwear also essential, with heavy rain or showers possible any time.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 28 Jun 2022	0mm	7.8mm	10.6mm

Forecast for Friday 01 Jul 2022

Weather: After a dry and bright start, the clouds will bubble up to give a mixture of sunny spells and scattered showers throughout the day. The showers will be slow-moving and locally heavy, with the risk of hail, thunder and lightning as additional hazards. Any daytime showers or thunderstorms should gradually ease during the evening, with drier and clearer conditions developing.

Maximum wind: West southwesterly at 10-15mph, with occasional gusts up to 25mph in or near the vicinity of heavy showers or thunderstorms.

Chance of cloud-free hill tops above 600m: 50% chance overnight and early morning, increasing to 90% during the day.

Low cloud and visibility: Down to 500m overnight and early morning, but lifting above the summits early on Friday morning. Similar to Thursday, visibility generally very good, but deteriorating quickly in heavy showers and thunderstorms.

Temperature: **Valleys:** Plus 10 Celsius, becoming Plus 16 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.